ABSTRACT OF THE DISCLOSURE

A conical coiled spring battery contact for use in a battery compartment that ruptures an insulating contaminant layer on a terminal of a battery installed in the battery compartment. The coiled spring contact is constructed and arranged such that only a battery terminal contact point contacts an abutting a terminal of a battery installed in the battery compartment. The contact point is defined by a minimal surface area of an upper end turn of the coiled spring contact. Such a conical coiled spring contact minimizes the contact resistance between the conical coiled spring contact and the battery terminal due to the presence of such an insulating contaminant layer. This in turn increases the amount of battery power and current available for the implementing device. The battery compartment can include a housing configured to receive one or more batteries and a conical coiled spring contact of the invention. The conical coiled spring contact has a lower end turn secured to an interior surface of the housing, an upper end turn for contacting a terminal of an installed battery, and a plurality of concentric windings disposed between the upper and lower end turns. The upper end turn forms a forward-most eccentric terminal contact point to contact a terminal of a battery installed in the housing.